The estimated power generation potential is as follows :

| | |
|---|---|
| Surplus power from bagasse co-generation in the sugar mills | —3500 MW |
| Press mud in sugar mills | —250MWeq. |
| Municipal solid wastes | —900MWeq. |

The capital cost of bagasse based co-generation projects is in the range of Rs. 2.5—3.5 crore per MW, depending upon the technical, financial and operating parameters. For waste-to-energy projects, the cost is in the range of Rs. 6.00—12.00 crore per MW, depending upon the waste characteristics, technology and location.

Government of Kamataka have conveyed their 'No Objection' for setting up of Co-generation plants in 14 Co-operative sugar mills in the State, aggregating to a surplus capacity of 127 MW. No Co-operative sugar mill in Madhya Pradesh and Chhattisgarh has applied for setting up cogeneration project.

**Assistance to Promote Non-conventional Energy Sources**

3494. PROF. ALKA BALRAM KSHATRIYA: Will the Minister of NON-CONVENTION AL ENERGY SOURCES be pleased to state:

(a) the schemes being implemented by Government to promote non-conventional energy sources;

(b) the details of the assistance provided to the States in the country specially Gujarat during the Ninth Five Year Plan, State-wise and year-wise; and

(c) the assistance likely to be given to Gujarat and other States during the Tenth Five Year Plan ?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRIM. KANNAPPAN): (a) The Ministry is implementing a wide range of schemes/programmes such as, wind power, small hydro power, biomass power, solar power, biomass gasifjers, energy from wastes, village electrification programme, solar photovoltaic, solar thermal energy programme, solar cooker, biogas, integrated rural energy programme and energy parks to promote the development and utilization of non-conventional energy throughout the country.

(b) The details of the financial assistance provided during the Ninth Plan, State-wise and year-wise under various non-conventional energy programmes, including Gujarat are given in the enclosed statement. *(See* below).

(c) A Gross Budgetary Support of Rs. 4000 crore has been allocated for implementation of various non-conventional energy schemes/programmes in the country, including Gujarat during the Tenth Plan. Funds allocation is not made State-wise as the proposals received from the States are considered depending upon techno-economic feasibility, fulfilment of terms and conditions as per provisions contained in the schemes and availability of funds.

***Statement***

*Assistance to promote non-conventional energy sources*

State-wise and Year-wise financial assistance provided during Ninth Plan Period under various non-conventional energy programmes

| SI. No. | States/UT | Amount Rs. in crores | | | | |
|---|---|---|---|---|---|---|
| | | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1. | Andhra Pradesh | 8.614 | 11.042 | 15355 | 20.993 | 24.986 |
| 2 | Arunachal Pradesh | 6.788 | 0.707 | 0.383 | 0.894 | 16.528 |
| 3. | Assam | 1.073 | 1.186 | 2.519 | 0.777 | 0.471 |
| 4. | Bihar | 0.725 | 2.802 | 3.939 | 0224 | 0.133 |
| 5. | Goa | 0.118 | 0.314 | 0.104 | 0.056 | 0.020 |
| 6. | Gujarat | 6.056 | 7.679 | 4.544 | 5.900 | 5.522 |
| 7. | Haryana | 2354 | 3.098 | 3.539 | 4239 | 3.477 |
| 8. | I imachal Pradesh | 4.311 | 7.423 | 1094 | 4.370 | 6.151 |
| 9. | Jammu & Kashmir | 1.008 | 1.066 | 3.492 | 1.514 | 0.849 |
| 10. | Kamataka | 7.569 | 9.943 | 10.179 | 15210 | 13.405 |
| 11. | Kerala | 1.078 | 2.507 | 4.744 | 5.190 | 10.674 |
| 12. | Madhya Pradesh | 8312 | 9.594 | 11.421 | 7.736 | 3.805 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| 13. | Maharashtra | 7.152 | 9.132 | 16.527 | 11.120 | 7.804 |
| 14. | Manip.r | 03% | 1.812 | 1205 | 0.399 | 1.342 |
| 15. | Meghalaya | 0324 | 0.636 | 0.466 | 1296 | 2.095 |
| 16. | Mizoram | 9.524 | 3336 | 2.928 | 5.042 | 0.528 |
| 17. | Nagaland | 0.325 | 0.802 | 0.586 | 1.181 | 3.341 |
| 18. | Orissa | 3.445 | 7.158 | 9.877 | 5.448 | 8.025 |
| 19. | Punjab | 4.380 | 7.638 | 11.126 | 3.967 | 12.876 |
| 20. | Rajas than | 2.108 | 6227 | 7.817 | 7.099 | 9.136 |
| 21. | SOddm | 1.580 | 4.108 | 3.970 | 6.681 | 5.097 |
| 22. | Tamil Nadu | 3.994 | 4339 | 6266 | 5218 | 3.844 |
| 23. | Tripura | 0.464 | 1.131 | 0.937 | 3264 | 2.686 |
| 24. | Uttar Pradesh | 13.197 | 17203 | 11.687 | 15331 | 18.582 |
| 25. | West Bengal | 6315 | 9339 | 16200 | 15.881 | 18.157 |
| 26. | Andaman & Nicobar | 0.040 | 0.134 | 0.184 | 8.049 | 2.655 |
| 27. | Chandigarh | 0.038 | 0248 | 0.080 | 0.020 | 0.160 |
| 28. | Dadar & Magar Haveli | 0.000 | 0.023 | 0.012 | 0.000 | 0.000 |
| 29. | Daman & Oiu | 0.000 | 0.023 | 0.012 | 0.036 | 0.000 |
| 30. | Delhi | 0.468 | 0223 | 0.660 | 1.402 | 0.825 |
| 31. | Lakshwadeep | 0.000 | 0.573 | 1.191 | 2.882 | 5.725 |
| 32. | Pondicherry | 0.081 | 0.105 | 0.119 | 0.135 | 0.132 |
| 33. | Chhattisgarh | 0.000 | 0.000 | 9.000 | 0.000 | 1.772 |
| 34. | Jharkhand | O.000 | 0.000 | 0.000 | 0.000 | 0.125 |
| 35. | Uttranchai | 0.000 | 0.000 | 0.000 | 0.000 | 1.416 |
| 36. | Others for all States | 30.068 | 26.067 | 34369 | 26.841 | 30.808 |